

009/34



Dart Aerospace Ltd.
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Canada

Tel (613) 632-5200
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D3914-041
Job Sheet 190833



Part No: D3914-041

Job Qty: 1 pcs

Part Name: Long Basket Lid Assembly (350)



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/15/19

Job Tracking No:

Due Date: 3/22/19

Created By: Jesse White

Type: Stock

Description: SIOP

Note: DWG D4020 REV A SHEET 2, D3914 REV D SHEETS 1,2,3 IPP Rev:A new issue DD 10.03.19 verified by:EC
IPP Rev:B as per dwg revB DD 10.08.18 verified by:EC IPP Rev:C 13.03.14 AS PER DWG REV.pc1 DD
VERF:JLM IPP REV:D 13.06.21 DWG REV.C DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	3/22/19	3/22/19	0.00	0.00	Start Up Large Fab-5		
100	Large Fab - Basket - 1	1 pcs	3/22/19	3/22/19	0.00	6.67	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		DAS
							Large Fab - 5		43
							Large Fab - 6		9-89
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
106	Large Fab - Basket - 2 - B4B	1 pcs	3/22/19	3/22/19	0.00	6.67	Large Fab - 1 - B4B		
							Large Fab - 10 - B4B		
							Large Fab - 2 - B4B		
							Large Fab - 3 - B4B		
							Large Fab - 4 - B4B		DAS
							Large Fab - 5 - B4B		43
							Large Fab - 6 - B4B		9-89
							Large Fab - 7 - B4B		
							Large Fab - 8 - B4B		
							Large Fab - 9 - B4B		
110	QC 9	1 pcs	3/22/19	3/22/19	0.00	0.00	QC 9 - 10		
							QC 9 - 18		DAS
							QC 9 - 24		24
							QC 9 - 43		9-89
							QC 9 - 50		
							QC 9 - 9		
120	QC 5	1 pcs	3/22/19	3/22/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	DAS
					QC 5 - 24	24
					QC 5 - 3	9-89
					QC 5 - 42	
					QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
130 Powdercoat - 4 Black Sand - B4B	1 pcs	3/22/19	0.00 0.40	Powdercoat - 1 - B4B		
				Powdercoat - 2 - B4B		
				Powdercoat - 3 - B4B		BL 19-04-17
				Powdercoat - 4 - B4B		
135 QC 3	1 pcs	3/22/19	0.00 0.00	QC 3 - 10		
				QC 3 - 13		
				QC 3 - 15		BL 19-04-22
				QC 3 - 17		
				QC 3 - 18		
				QC 3 - 2		
				QC 3 - 26		
				QC 3 - 28		
				QC 3 - 3		
				QC 3 - 30		
				QC 3 - 34		
				QC 3 - 36		
				QC 3 - 41		
				QC 3 - 51		
				QC 3 - 58		
				QC 3 - 59		
				QC 3 - 6		
				QC 3 - 68		
				QC 3 - 9		
140 Handfinish - 3-1- WingWalk-B4B	1 pcs	3/22/19	0.00 0.80	Handfinish - 3 - 1 - B4B		BL 19-04-22
				Handfinish - 3 - 2 - B4B		
				Handfinish - 3 - 3 - B4B		
				Handfinish - 3 - 4 - B4B		
				Handfinish - 3 - 5 - B4B		
150 QC 3	1 pcs	3/22/19	0.00 0.00	QC 3 - 10		
				QC 3 - 13		
				QC 3 - 15		
				QC 3 - 17		
				QC 3 - 18		
				QC 3 - 2		DAS
				QC 3 - 26		19
				QC 3 - 28		9-89
				QC 3 - 3		
				QC 3 - 30		
				QC 3 - 34		
				QC 3 - 36		
				QC 3 - 41		

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Description Work Order Deviation		Disposition		Completed By	
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				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

160	Packaging 3-1 - Stock - B4B	1 pcs	3/22/19	0.00	0.00	QC 3 - 51	
						QC 3 - 58	
						QC 3 - 59	
						QC 3 - 6	
						QC 3 - 68	
						QC 3 - 9	
						Packaging 3 - 1 - B4B	
						Packaging 3 - 2 - B4B	
						Packaging 3 - 3 - B4B	
						Packaging 3 - 4 - B4B	
						Packaging 3 - 5 - B4B	
						Packaging 3 - 6 - B4B	
						Packaging 3 - 7 - B4B	
						Packaging 3 - 8 - B4B	
						Packaging 3 - 9 - B4B	
						Packaging 3 - 10 - B4B	
						Packaging 3 - 11 - B4B	
						Packaging 3 - 12 - B4B	
						Packaging 3 - 13 - B4B	
						Packaging 3 - 14 - B4B	
						Packaging 3 - 15 - B4B	
						Packaging 3 - 16 - B4B	
						Packaging 3 - 17 - B4B	
						Packaging 3 - 18 - B4B	
						Packaging 3 - 19 - B4B	
						Packaging 3 - 20 - B4B	
						Packaging 3 - 21 - B4B	
						Packaging 3 - 22 - B4B	
						Packaging 3 - 23 - B4B	
						Packaging 3 - 24 - B4B	
						Packaging 3 - 25 - B4B	
						Packaging 3 - 26 - B4B	
						Packaging 3 - 27 - B4B	
						Packaging 3 - 28 - B4B	
						Packaging 3 - 29 - B4B	
						Packaging 3 - 30 - B4B	
						Packaging 3 - 31 - B4B	
						Packaging 3 - 32 - B4B	
						Packaging 3 - 33 - B4B	

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WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

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Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	DAS 21
				Packaging 3 - 36 - B4B	9-09 APR 22 2019
170 QC 21 - SA	1	3/22/19	0.00 0.00	QC 21 - SA - 21	DAS 21
				QC 21 - SA - 70	APR 22 2019
				QC 21 - SA - 53	9-09

Part Op **100** - (Weld per dwg A/R S.S. rod Batch: _____ - 1- assemble ribs , weld as per dwg D3914 using DT9607A 2- weld
 Descriptions: hinge (3) and Mounting brackets as per dwg D3914 ***Visual inspect before welding mesh*** 3- tack weld mesh on
 basket as per dwg D3914 ***Cut out mesh where label plate goes in center off basket lid as per dwg D4020-5. Make sure
 to place mesh correctly on lid, check with label plate before tacking mesh***
106 - (Weld per dwg A/R S.S. rod Batch: _____ - 1- assemble ribs , weld as per dwg D3914 using DT9607A 2- weld
 hinge (3) and Mounting brackets as per dwg D3914 ***Visual inspect before welding mesh*** 3- tack weld mesh on
 basket as per dwg D3914 ***Cut out mesh where label plate goes in center off basket lid as per dwg D4020-5. Make sure
 to place mesh correctly on lid, check with label plate before tacking mesh***
110 - QC9- Inspect visual per QSI004- Fusion Welds
120 - QC5- Inspect part completeness to step on W/O
130 - Black Sandtex(Ref:4.3.5.7) per QSI005 4.3 *** mask sides of hinge prior to powdercoat***
135 - QC3- Inspect Part Finish
140 - Wing Walk as per dwg QSI005 4.4 Batch _____ 1- Mask data plate and apply wing walk on outside surface of
 mesh as per dwg 2- Install label as per dwg ***Mask label plate to size of label, use scotchbrite red pad to lightly sand
 area for label, apply label ***
150 - QC3- Inspect Part Finish
160 - Identify as per dwg & Stock Location: _____
170 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2581	Mounting Bracket	2 pcs (2 ea)	90-Start up Operation	
D3914-1	Rib	2 pcs (2 ea)	90-Start up Operation	
D3914-7	Rib	2 pcs (2 ea)	90-Start up Operation	
D4016-3	Hinge Half, Lid	3 pcs (3 ea)	90-Start up Operation	
D4018-5	Rib	9 pcs (9 ea)	90-Start up Operation	
D4020-5	Mesh (350 Basket Long, Lid)	1 pcs (1 ea)	90-Start up Operation	
D4021-3	Data Plate	1 pcs (1 ea)	90-Start up Operation	
D4035-043	Lid Rib Assembly, Aft (350 Basket)	2 pcs (2 ea)	90-Start up Operation	
D2581	Mounting Bracket	2 pcs (2 ea)	100-Large Fab - Basket - 1	5157 434
D3914-1	Rib	2 pcs (2 ea)	100-Large Fab - Basket - 1	5167 107
D3914-7	Rib	2 pcs (2 ea)	100-Large Fab - Basket - 1	5166 787
D4016-3	Hinge Half, Lid	3 pcs (3 ea)	100-Large Fab - Basket - 1	5110 937
D4018-5	Rib	9 pcs (9 ea)	100-Large Fab - Basket - 1	5167 541
D4020-5	Mesh (350 Basket Long, Lid)	1 pcs (1 ea)	100-Large Fab - Basket - 1	5168 996
D4021-3	Data Plate	1 pcs (1 ea)	100-Large Fab - Basket - 1	5154 112
D4035-043	Lid Rib Assembly, Aft (350 Basket)	2 pcs (2 ea)	100-Large Fab - Basket - 1	5163 793

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D2581	2	51	0
	D3914-1	2	6	0
	D3914-7	2	4	0
	D4016-3	3	141	0
	D4018-5	9	45	0
	D4020-5	1	10	0
	D4021-3	1	26	0
	D4035-043	2	2	0
100-Large Fab - Basket - 1	D2581	2	51	0
	D3914-1	2	6	0
	D3914-7	2	4	0
	D4016-3	3	141	0
	D4018-5	9	45	0
	D4020-5	1	10	0
	D4021-3	1	26	0
	D4035-043	2	2	0

Entered: _____ Date: _____



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Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
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				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

Part Specifications

Specifications could not be found.

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Job: _____ Part No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐																	
Date : _____		Sequence #: _____		QTY Affected : _____		MRB (QSI042)															
Description Work Order Deviation				Disposition																	
				Completed By																	
				Lead hand / Supervisor																	
				QC / QA Coordinator																	
FAULT CATEGORY																					
<table border="0"><tr><td>☐ Power Loss/Surge</td><td>☐ Positioned Wrong</td></tr><tr><td>☐ Folio/Program</td><td>☐ Outside Tolerance</td></tr><tr><td>☐ Grain Direction</td><td>☐ Drawing</td></tr><tr><td>☐ Weld</td><td>☐ Finish</td></tr><tr><td>☐ Wrong Stock Pulled</td><td>☐ Part Lost/Missing</td></tr><tr><td>☐ Out of Sequence</td><td>☐ Misread</td></tr><tr><td>☐ Off-set/Set-up</td><td></td></tr></table>								☐ Power Loss/Surge	☐ Positioned Wrong	☐ Folio/Program	☐ Outside Tolerance	☐ Grain Direction	☐ Drawing	☐ Weld	☐ Finish	☐ Wrong Stock Pulled	☐ Part Lost/Missing	☐ Out of Sequence	☐ Misread	☐ Off-set/Set-up	
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Container No: S170341

Part: D3914-041

Job No: 190833

Serial No/Batch: S170341

Revision: A/D

Inspector:

Exp Date:

Instructions: Various STC's

Date: 04/08/19